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## Welcome to the School District 5 Design Labs

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October 2021

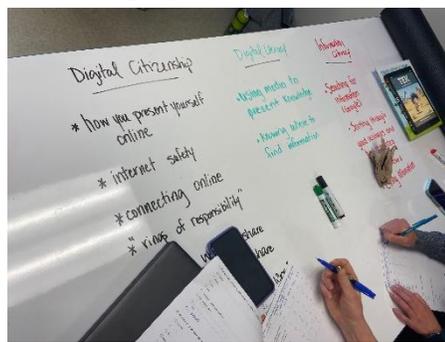
Fun and exciting things happening in Fernie and Cranbrook

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### FESL Project – Digital Literacy

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Teachers from multiple Schools in Cranbrook and the Elk Valley got together for the first of many Framework for Enhancing Student Learning sessions surrounding the topic of Digital Literacy. They explored the diversity of this topic and resources that will help students build social and technical skills when working with digital mediums. This project is geared towards grade 4 teachers and teacher librarians in the district. The goal of the project is building and following digital literacy skills of these grade 4 students over the next few years.



## Drones



Students in Ms. Lloyd's Media Design class at Fernie Secondary assembled a drone obstacle course and tried their hand at piloting a drone. Students learned that it is harder than it looks! Under strict safety precautions, some students had the opportunity to fly the more advanced DJI drone inside of Traynor Hall. Students are showing a keen interest in learning more about drone technology.

## VR Inquiry Project Environmental Education

Ms. Demer's students at KDS have shown a keen interest in learning more about animals and their habitats. Students will be participating in a virtual reality inquiry project where they will explore different animal habitats and biomes using the Oculus Quest 2 headsets and the Wander app. For examples, students will view chimpanzees in Africa, penguins in Antarctica, and go diving in the Red Sea to view colorful coral reefs and fish.



### Reading and Writing with AI

Students at many schools were introduced to a set of applications to support their reading and writing. **Seeing AI** is an app that can scan and read everything from short text, scenes, currency, and even people's emotions in just a few short seconds. Microsoft has made their voice to text and text to voice applications even more reliable and easier to access. Multiple classes at Amy Woodland were trained how to use Dictate and Immersive Reader to support their writing. The computer voices seem to be getting more and more friendly every day. All these tools are available on our computers and iPads and are supported by the Transformative Learning Team.



### Jaffray Shutterbugs

Students from JESS learned how to use the growing set of DSLR cameras at their school. After multiple learning sessions, they took a trip to Fort Steele to capture the views, details and history of the area. Back at school, they learned how to organize and edit their photos in Adobe Lightroom. The final event was a lighthearted photo contest with prizes going to different categories such as best landscape, portrait, perspective, to name a few. There were also prizes for awkward and funny photos as well as the best accidentally amazing photo which went to a photo of a girl on a swing whose outfit colours matched the paint and decor of the surrounding Fort Steel Heritage Town perfectly.



### Book Creator and Story Studio at Steeples

Students at Steeples used eBooks to document their learning and reflections. Students explored design, layout, and an introduction to being a Digital Citizen. The students also used hands-on manipulatives to explore setting. They created and designed a setting and then introduced a character.



### Making Core Competencies Visible

Students at Steeples are connecting to Communication/Collaboration and Creative Thinking by exploring the story book, "The Idea Jar" by Adam Lehrhaupt. They used words, pictures, and objects to share their ideas.

